

Title (en)  
CONNECTOR

Title (de)  
VERBINDER

Title (fr)  
RACCORD

Publication  
**EP 3858418 A4 20220629 (EN)**

Application  
**EP 19867373 A 20190920**

Priority  
• JP 2018182210 A 20180927  
• JP 2019037088 W 20190920

Abstract (en)  
[origin: EP3858418A1] A first member (10) and a second member (20) are coupled to each other in a coupling portion (100). The first member includes, on the opposite side to the coupling portion, a main portion (51) that is connectable to a counterpart connector. The main portion and the second member are in communication with each other via a flow channel (102). One of the first member and the second member includes an outer cylindrical portion (30), and the other of the first member and the second member includes an inner cylindrical portion (40). In the coupling portion, the inner cylindrical portion is fitted in the outer cylindrical portion. The outer cylindrical portion includes a first engagement portion (31) and an abutment portion (35). The inner cylindrical portion includes a second engagement portion (41) that engages the first engagement portion, and a leading end (45) that is a front end of the inner cylindrical portion in a direction in which the inner cylindrical portion is fitted into the outer cylindrical portion. As a result of the first engagement portion and the second engagement portion engaging each other, the leading end of the inner cylindrical portion abuts against the abutment portion of the outer cylindrical portion along a central axis (101).

IPC 8 full level  
**A61M 39/10** (2006.01)

CPC (source: EP US)  
**A61M 39/10** (2013.01 - EP US); **A61M 2039/1027** (2013.01 - EP); **A61M 2039/1072** (2013.01 - EP); **A61M 2039/1077** (2013.01 - EP US); **A61M 2205/02** (2013.01 - US)

Citation (search report)  
• [X] JP 2017148444 A 20170831 - TOP CO LTD  
• [Y] US 2005245899 A1 20051103 - SWISHER DAVID R [US]  
• [Y] JP S5283294 U 19770621  
• [Y] US 2018008813 A1 20180111 - UEDA YASUHIRO [JP], et al  
• [Y] US 2015258324 A1 20150917 - CHIDA TAKAHIRO [JP], et al  
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Designated contracting state (EPC)  
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**EP 3858418 A1 20210804; EP 3858418 A4 20220629**; CN 112739408 A 20210430; JP 2020048948 A 20200402; JP 2022168132 A 20221104; JP 2023178468 A 20231214; JP 7525979 B2 20240731; SG 11202102745T A 20210429; US 12042618 B2 20240723; US 2022008708 A1 20220113; WO 2020066938 A1 20200402

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